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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,042	03/12/2001	Sung Bae Jun	P-205	8403

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EXAMINER

CHEVALIER, ROBERT

ART UNIT PAPER NUMBER

2616

DATE MAILED: 06/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/803,042

Applicant(s)

JUN ET AL.

Examiner

Bob Chevalier

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 March 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 and 8-14 is/are allowed.
- 6) ☒ Claim(s) 7, 15, 16 and 18 is/are rejected.
- 7) ☒ Claim(s) 17, 19-21 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/10/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Rejections - 35 USC § 112

1. Claim 7 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claim is indefinite since there is period placed in the middle of the present claim 7 located at page 20, line 5. Correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 15-16, and 18, are rejected under 35 U.S.C. 102(b) as being anticipated by Bonsall et al.

Bonsall et al disclose a video processing apparatus that shows all the limitations recited in claim 15, including the feature of a reproducing the multimedia stream (See the capability of playing back the multimedia from the processing system as specified in column 1, lines 25-28, of Bonsall et al), the feature of inputting a media file reproduction order by a user to a main control unit (See Bonsall et al's column 6, lines 1-20), the feature of the media file constructed with multimedia stream data (See Bonsall et al's Figure 2), the feature of the index structure describing structural information or semantic information of the pertinent multimedia content (See Bonsall et al's column 7, lines 25-26), and the feature of controlling the media file reproduction in accordance with the

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order inputted as specified in the present claim 15. (See Bonsall et al's Figure 1, components 30, and 12).

With regard to claim 16, the feature of the input unit uses a method using a mouse or a button as specified thereof is present in Bonsall et al's Figure 1, component 30, and 12).

With regard to claim 18, the feature of the media file and index structure being located in the local region of the system as specified thereof is present in Bonsall et al's Figure 1, components 12, 14.

4. Claims 17, and 19-21, are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Claims 1-6, and 8-14 contain allowable subject matter over the prior art of record.

6. The following is a statement of reasons for the indication of allowable subject matter:

The claimed invention is directed to a non-linear reproduction control method. The independent claim 1 identifies the feature of "selecting a structural information or semantic information alternation point of the multimedia stream mostly adjacent to the present reproduction position as a reproduction resuming point on the basis of the determined skip direction and skip unit; and resuming reproduction of the media from the selected point". And further, the independent claim 10 identifies the feature of "displaying additional reproduction resuming candidate points using the structural or semantic information alternation point or point calculated by using a multiple of the

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temporal offset besides the reproduction restart point on a screen by using a key-frame or a key-region; and resuming reproduction by considering the selected point as a reproduction restart point when the user selects the key-frame or key-region displayed on the screen". The closest prior art, Bonsall et al discloses a video processing apparatus, either singularly or in combination fails to anticipate or render the above underlined limitations obvious.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Mandler et al discloses use of special directories for encoding semantic information in a file system.


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bob Chevalier whose telephone number is 571-272-7374. The examiner can normally be reached on MM-F (9:00-6:30), second Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

B. Chevalier
June 26, 2005.


ROBERT CHEVALIER
PRIMARY EXAMINER